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IN THE CLAIMS

Amino Siloxanes

Please amend the claims as indicated by the amended claim set below.

1. (CURRENTLY AMENDED) A substrate suitable for printing a toner image thereon, comprising:

a sheet of plastic;

an underlayer coating, on the sheet of plastic, comprising a ~~first polymer material selected from the group consisting of~~ amino terminated polyamide, ~~amino propyl triethoxy silane, and reaction products of amino propyl triethoxy silane;~~ and

an overcoating overlayer, directly on the underlayer, comprising a second polymer material and having an outer surface to which a toner image can be fused and fixed.

2. (PREVIOUSLY PRESENTED) A substrate according to claim 1 or claim 42 wherein the overlayer is free of particulate matter.

3. (PREVIOUSLY PRESENTED) A substrate according to claim 1 or claim 42 wherein the overlayer is wax and pigment free.

4. - 6. (CANCELLED)

7. (PREVIOUSLY PRESENTED) A substrate according to claim 1 or claim 42 wherein the sheet of plastic is polyethylene.

8. (PREVIOUSLY PRESENTED) A substrate according to claim 1 or claim 42 wherein the sheet of plastic is vinyl.

9. (PREVIOUSLY PRESENTED) A substrate according to claim 1 or claim 42 wherein the sheet of plastic is polycarbonate.

10. (PREVIOUSLY PRESENTED) A substrate according to claim 1 or claim 42 wherein the sheet of plastic is polyethylene terephthalate (PET).

11. (PREVIOUSLY PRESENTED) A substrate according to claim 1 or claim 42 wherein the sheet of plastic is BOPP (biaxially oriented polypropylene film).

12. (PREVIOUSLY PRESENTED) A substrate according to claim 1 or claim 42 wherein the overlayer comprises styrene butadiene copolymer.

13. (CANCELLED)

14. (PREVIOUSLY PRESENTED) A substrate according to claim 1 or claim 42 wherein the overlayer comprises ethylene acrylic acid copolymer.

15. (ORIGINAL) A substrate according to claim 14 wherein the ethylene acrylic acid copolymer has an acrylic acid comonomer percentage weight of less than 18%.

16. (ORIGINAL) A substrate according to claim 14 wherein the ethylene acrylic acid copolymer has an acrylic acid comonomer percentage weight of less than 16%.

17. (PREVIOUSLY PRESENTED) A substrate according to claim 14 wherein the ethylene acrylic acid copolymer has an acrylic acid comonomer percentage weight of more than 8%.

18. (PREVIOUSLY PRESENTED) A substrate according to claim 14 wherein the ethylene acrylic acid copolymer has an acrylic acid comonomer percentage weight of more than 12%.

19. (PREVIOUSLY PRESENTED) A substrate according to claim 1 or claim 42 wherein the overlayer comprises polyvinyl pyridine.

20. – 22. (CANCELLED)

23. (PREVIOUSLY PRESENTED) A substrate according to claim 1 or claim 42 wherein the

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underlayer has a weight of between 0.1 and 1 grams per square meter.

24. (PREVIOUSLY PRESENTED) A substrate according to claim 1 or claim 42 wherein the underlayer has a weight of between about 0.3 and 0.5 grams per square meter.

25. (PREVIOUSLY PRESENTED) A substrate according to claim 1 wherein the overlayer has a weight of between 0.1 and 10 grams per square meter.

26. (PREVIOUSLY PRESENTED) A substrate according to claim 1 or claim 42 wherein the overlayer has a weight of between 0.2 and 2 grams per square meter.

27. (ORIGINAL) A substrate according to claim 26 wherein the overlayer has a weight of between about 0.25 and about 0.35 grams per square meter.

28. (PREVIOUSLY PRESENTED) A substrate according to claim 1 or claim 42 wherein the underlayer is free of particulate matter.

29. (PREVIOUSLY PRESENTED) A substrate according to claim 1 or claim 42 consisting of only two coating layers.

30. (CURRENTLY AMENDED) A method of producing a coated substrate to which a toner image can be adhered comprising:

coating a sheet of plastic with a first polymer material as an underlayer, the underlayer comprising a polymer material chosen from the group consisting of amine terminated polyamide, and amino propyl triethoxy silane; and

directly overcoating the underlayer with a second polymer material to form an overlayer coating on the underlayer, the overlayer having an outer surface to which a toner image can be adhered and fixed.

31. (CANCELLED)

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32. (PREVIOUSLY PRESENTED) A substrate produced according to the method of claim 30 or claim 45.

33. – 36. (CANCELLED)

37. (PREVIOUSLY PRESENTED) A printing method comprising:

    providing a substrate according to claim 1 or claim 42 or produced according to claim 30 or claim 45; and  
    printing a toner image on the substrate.

38. (ORIGINAL) A printing method according to claim 37 wherein the toner image is a liquid toner image.

39. (PREVIOUSLY PRESENTED) A printing method according to claim 37 wherein printing comprises transferring the toner image to the substrate using heat and pressure.

40. (PREVIOUSLY PRESENTED) A printing method according to claim 37 wherein printing comprises electrostatically transferring the toner image to the substrate.

41. (PREVIOUSLY PRESENTED) A printing method according to claim 37 and comprising:

    forming the image on an image forming surface;  
    transferring the image from the image forming surface to an intermediate transfer member; and  
    transferring the image from the intermediate transfer member to the substrate.

42. (CURRENTLY AMENDED) A substrate suitable for printing a toner image thereon, comprising:

    a sheet of plastic;  
    an underlayer coating, on the sheet of plastic, comprising a first polymer material comprising a polymer chosen from the group consisting of amine terminated polyamide, amine propyl triethoxy silane and reaction products of amino propyl triethoxy silane; and

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an overlayer coating, directly on the underlayer, comprising a second polymer material and having an outer surface to which a toner image can be fused and fixed,

wherein the overlayer coating has a thickness of between 0.1 and 10 microns.

43. - 44. (CANCELLED)

45. (CURRENTLY AMENDED) A method of producing a coated substrate which a toner image can be adhered comprising:

coating a sheet of plastic with a first polymer material as an underlayer, the underlayer comprising a polymer chosen from the group consisting of amine terminated polyamide and amino-propyl triethoxy silane; and

directly overcoating the underlayer with a second polymer material to form an overlayer coating on the underlayer, the overlayer having an outer surface to which a toner image can be adhered and fixed,

wherein the overcoating has a dry thickness of between 0.1 and 10 microns.